

# Fabrication Update – The Frame Awakens



Matt Hoff LBNL April 2, 2015







Full welds on this half of the frame

No welds this half yet

Photo taken 4/1/2015

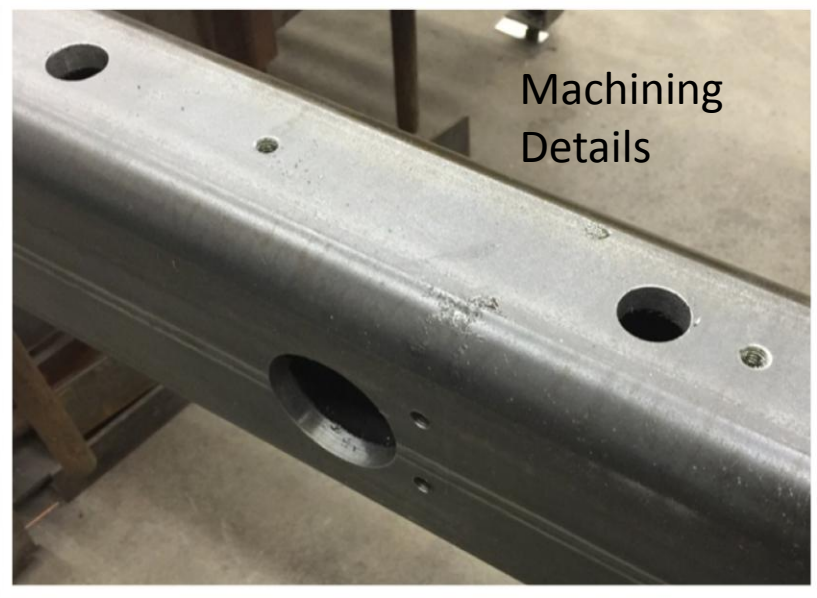


Water jet cut small pieces



Machining details





Machining  
Details

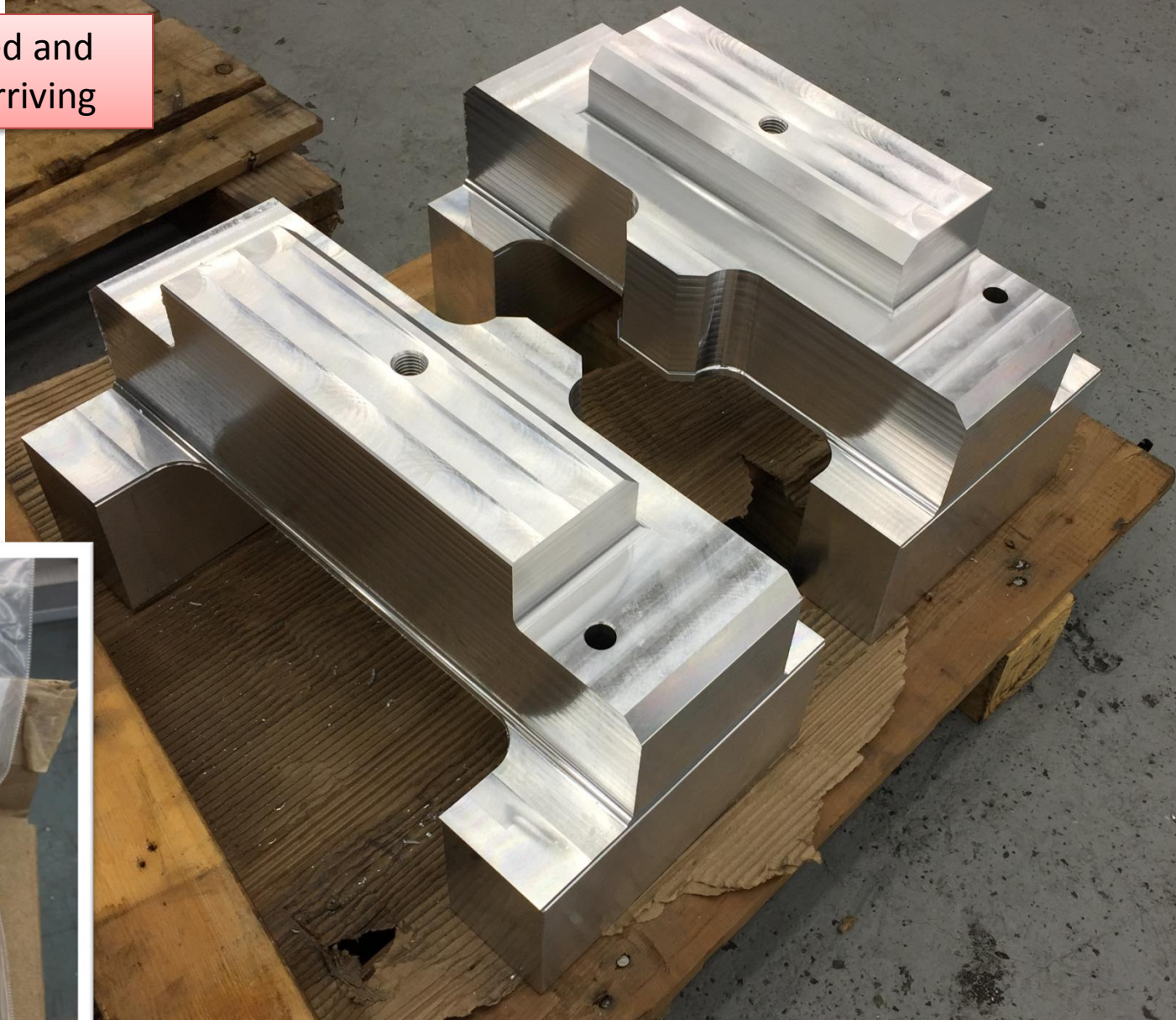


LBL's two best welders



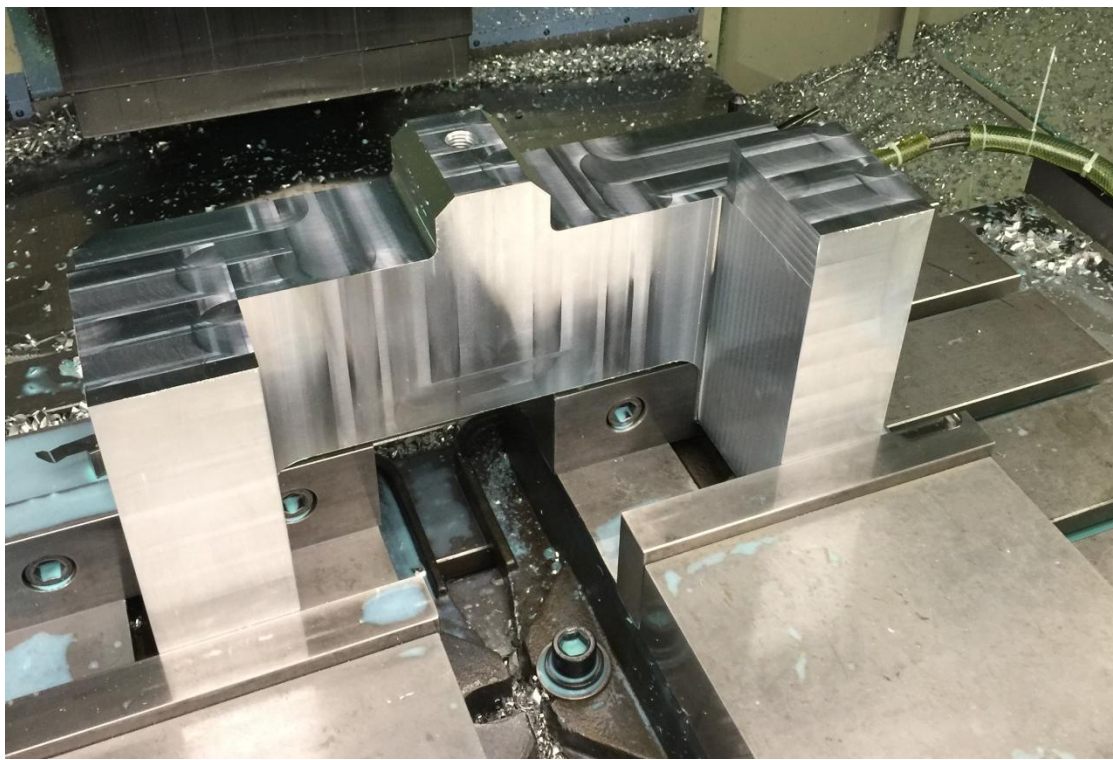
Parts are being fabricated and  
off the shelf items are arriving

100 Bal Seal  
canted spring  
rings for the slug  
tuners

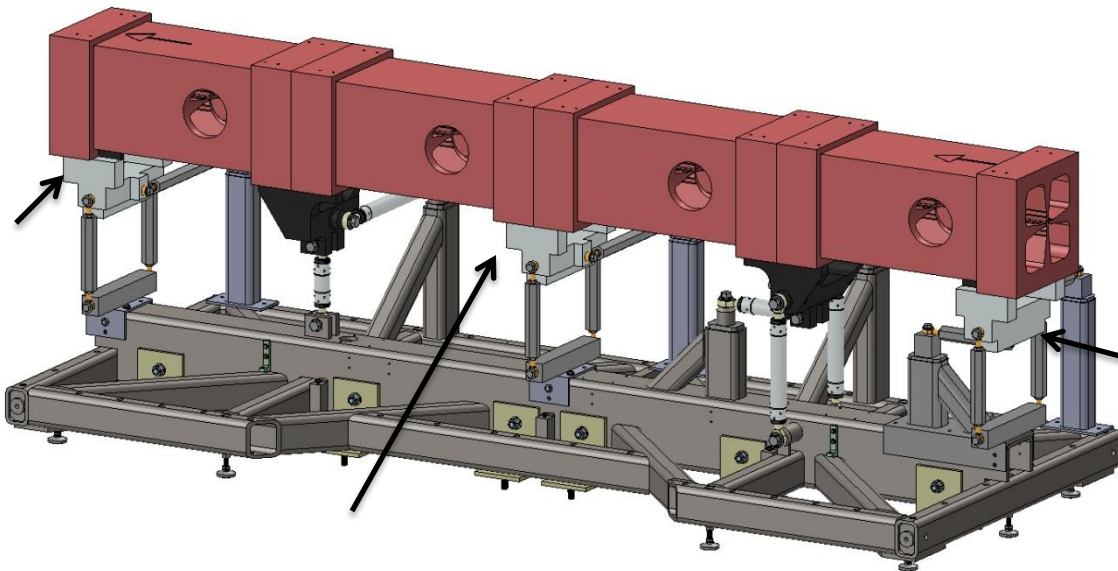


2 of 4 temporary strut mounting blocks





← All 4 temporary strut supports

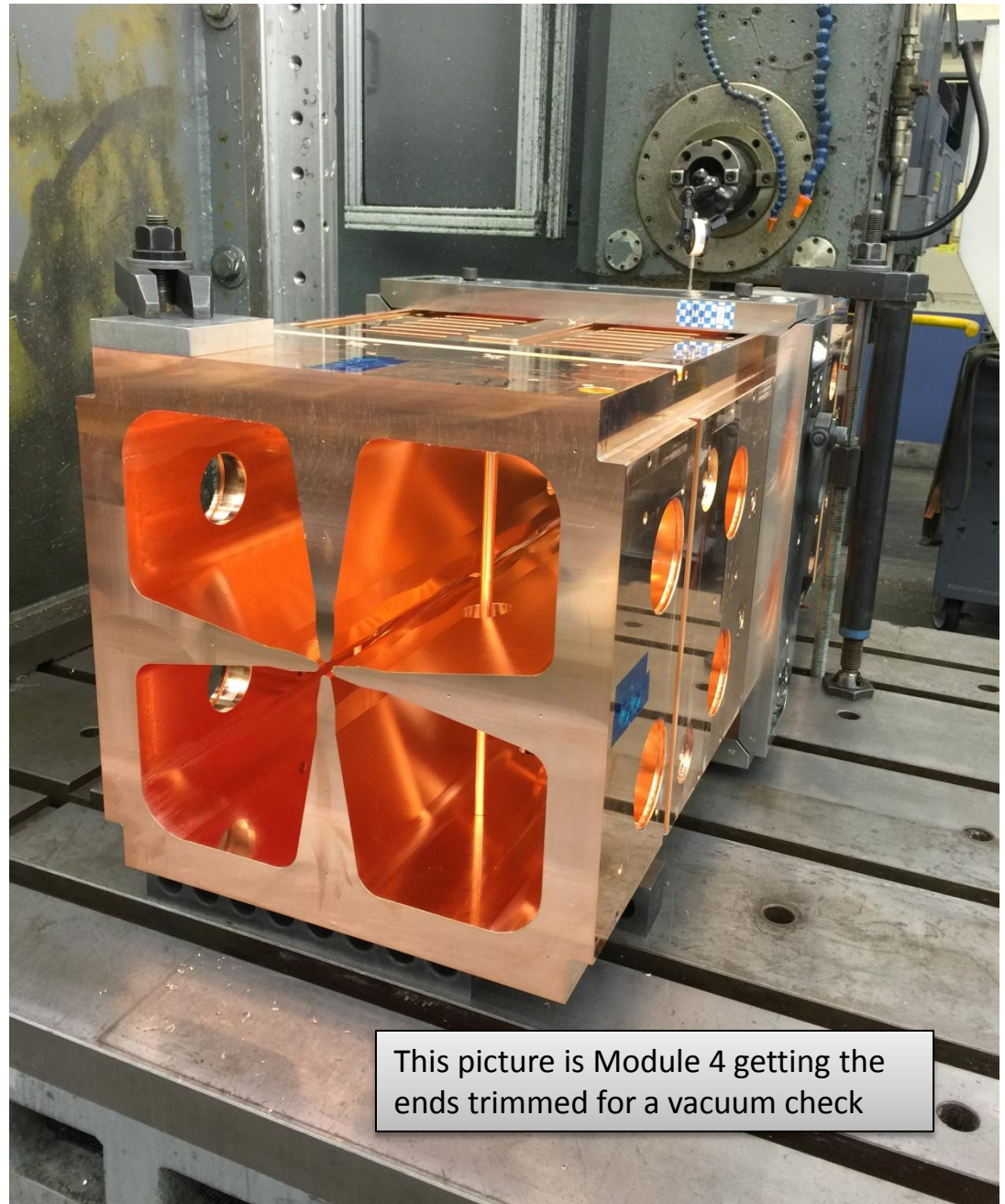


Temp strut mounts  
in model

## End Machining

Module 1 and 2 are scheduled for final end machining starting Friday April 3, 2015. This should be fast. This is the final machining step in the copper.

Module 3 will follow after Module 4 is leak tight. Then finally Module 4.



This picture is Module 4 getting the ends trimmed for a vacuum check



## Summary

Support Frame fabrication is progressing at a good rate. On schedule.

Other pieces needed for assembly are in progress.

Some off the shelf items have started to arrive.

Module end machining starts Friday April 3.

FNAL has a copy of LBNL's CAD model

